

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 929 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	14/05/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7714360 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	426307 Datum: AGD66	Drainage:	Imperfectly drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Drainage depression	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Eutrophic Subnatric Grey Sodosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dy2.43
ASC Confidence:	Great Soil Group:	Solodic soil

No analytical data are available but confidence is fair.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eremophila mitchellii, Acacia argyrodendron
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Acacia argyrodendron, Eucalyptus brownii, Lysiphillum carronii

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.11 m	Dark greyish brown (10YR4/2-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 5.8 (Raupach, 0.05);
A2e	0.11 - 0.18 m	Light brownish grey (10YR6/2-Moist); ; Sandy loam (Light); Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ;
B21	0.18 - 0.6 m	Greyish brown (10YR5/2-Moist); ; Medium clay; Strong grade of structure, 100-200 mm, Columnar; Moderate grade of structure, 20-50 mm, Angular blocky; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.3); Field pH 9.5 (Raupach, 0.6);
D	0.6 - 1.2 m	Grey (10YR5/1-Moist); ; Massive grade of structure; Earthy fabric; Dry; Strong consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.11	6.8A
0.18 - 0.6	8.6A

0 - 0.11
0.18 - 0.6

0 - 0.11
0.18 - 0.6

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension